

May 1999

99V.069

Dear Service Manager:

American Honda is announcing a Recall involving certain 1997–98 Accords, 1997–96 Odysseys, and 1996–98 Preludes. Certain of these vehicles were manufactured with front suspension lower ball joints that may prematurely wear out. In the worst case, the worn ball joint would separate, allowing the front suspension to collapse. Refer to the enclosed service bulletin #99-039, Safety Recall: Lower Ball Joints, for repair Information and affected V!Ns.

Customer Notification

Approximately 13,800 Accords, 28,500 Preludes, and 1,740 Odysseys are affected by this recall. Notifications will be mailed to all owners on May 14. Refer to the last page of the service bulletin for an example of the notification letter. A Campaign Responsibility Report, showing the affected vehicles and their owners, is included with the service bulletin.

Not every vehicle within the affected VIN ranges shown on the service bulletin is affected by this recall. For example, the complete VIN spread on Accords includes about 50,000 VINs, but less than a third of those VINs are actually affected. Before repairing a vehicle, make sure it is affected by doing one or more of the following.

- Verify that the customer has a recall notification.
- Verify that the vehicle's VIN is on your Campaign Responsibility Report.
- Verify that the vehicle is eligible by doing a VIN Status Inquiry on DCS. Make a print screen of the information and attach it to the repair order.

Repair Strategy

The repair is to the replace both front suspension lower ball joints with the ball joint kits listed in the service bulletin. This is an on-the-car repair using adapters and a C-frame to press the lower ball joints out of and into the steering knuckles. Sets of these special tools are being sent to each dealer at the same time as the service bulletin. No tool numbers are assigned to the adapter set. If you need another adapter set, or a replacement adapter, call American Honda Special Tools.

Parts Allocation and Ordering

Replacement ball joint kits will be allocated on May 13. Each dealership will be sent a quantity equal to 30 percent of the number of vehicles on its Campaign Responsibility Report. Additional kits may be ordered through normal channels as needed.

Sincerety,

AMERICAN HONDA MOTOR CO., INC. Honda Automobile Division



991.069

May 1999

Dear Service Manager:

American Honda is announcing a Recall Involving certain 1995-98 3.5RLs, 1996-98 2.5/3.2TLs, and 1997-98 2.3/2.3/3.0CLs. Certain of these vehicles were manufactured with front suspension lower ball joints that may prematurely wear out. In the worst case, the worn ball joint would separate, allowing the front suspension to collapse. Refer to the enclosed service bulletin #99-023, Satety Recall: Lower Ball Joints, for repair information and affected VINs.

Customer Notification

Approximately 38,700 3.5RLs, 19,700 2.5TLs, 29,200 3.2TLs, 380 2.2/2.3CLs, and 980 3.0CLs are affected by this recall. Notifications will be mailed to all owners on May 14. Refer to the last page of the service bulletin for an example of the notification letter. A Campaign Responsibility Report, showing the affected vehicles and their owners, is included with the service bulletin.

The VIN ranges shown on the service bulletin are not always continuous, and several single VINs are shown. Sefore repairing a vahicle, make sure it is affected by this recall by doing one or more of the following.

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- Verify that the vehicle's VIN is on your Campaign Responsibility Report.
- Verify that the vehicle is eligible by doing a VIN Status inquiry on DCS. Make a print screen of the
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The repair is to the replace both front suspension lower ball joints with the ball joint kits listed in the service bulletin. This is an on-the-car repair using adapters and a C frame to press the lower ball joints out of and into the steering knuckles. Sets of these special tools are being sent to each dealer at the same time as the service bulletin. No tool numbers are assigned to the adapter set, if you need another adapter set, or a replacement adapter, call American Honda Special Tools.

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Replacement ball joint kits will be allocated on May 13. Each dealership will be sent a quantity equal to 30 percent of the number of vehicles on its Campaign Responsibility Report. Additional kits may be ordered through normal channels as needed.

Sincerely,

AMERICAN HONDA MOTOR CO., INC. Acurs Automobile Division



991-069

July 7, 1999

Dear Service Manager:

Enclosed is the following service publication:

Campaign Responsibility Report for 1996-98 Ball Joint Recall Campaign:

Of the 1996-98 vehicles reported as delivered to your dealership, those eligible for this campaign but not yet fixed are listed in the left-hand column. Some of them may have a two-letter code under the heading "UNIT STAT". A complete listing of the codes and what mean is on page 7-5 of your Service Operations Manual.

If you have any questions, please contact your District Service Manager.

Sincerely,

AMERICAN HONDA MOTOR CO., INC.

Honga Automobile Division

Sr. Publications Coordinator Service Communications



July 7, 1999

991-069

Dear Service Manager:

Enclosed is the following service publication:

Campaign Responsibility Report for 1996-98 Ball Joint Recall Campaign:

Of the 1996-98 vehicles reported as delivered to your dealership, those eligible for this campaign but not yet fixed are listed in the left-hand column. Some of them may have a two-letter code under the heading "UNIT STAT". A complete listing of the codes and what mean is on page 7-2 of your Service Operations Manual.

If you have any questions, please contact your District Technical Manager.

Sincerely,

AMERICAN HONDA MOTOR CO., INC.

Agana Automobile Division

Dennis Yamazaki Sr. Publications Coordinator

Service Continunications

Acura DCS Message #080:

9a1-069

DATE: May 21, 1999

TO: All Acura Service & Parts Managers

FROM: American Honda Service Division

RE: Lower Ball Joint Recall Campaign information.

The Service Bulletin (S/B) for the Lower Ball Joint Recall (99-023) is incorrect. Steps 11 & 12 must be done before step 5. If 11 & 12 are not done before step 5, the wires for the ABS Sensor will carry the weight of the suspension. Consequently, the ABS Sensor will fail. We are faxing you a copy of the revised S/B today. To make it easy for you to distinguish the updated version that is being faxed we have eliminated the colored header (ACURA Service Bulletin) and hand-written a change of date (from May 13, 1999, to May 21, 1999). We will reprint and mail S/B 99-023 soon.

Thank you.

Cynthia Gomez
Export Warranty Specialist
American Honda Warranty Department
310 781-6456 (Phone)
310 783-3295 (Fax)

Acura DCS message #077:

DATE: May 14, 1999

TO: All Acura Sales, Service & Parts Managers

FROM: American Honda Service Division

RE: Ball Joint Recall Campaign information.

On May 13, 1999, we attempted to fax all dealerships a copy of Recall Service Bulletin 99-023) and a copy of the Ball Joint Recall Strategy Letter. NOTE: Not all dealerships may have received a faxed copy because of incorrect fax numbers in our system. We also mailed every dealership a press printed copy of each piece plus a Campaign Responsibility Report.

Additionally, AH Parts Division shipped Ball Joint Recall repair parts. The Ball Joint Recall special tools needed to remove/install ball joints will ship today (May 14, 1999).

Customer notification letters for this recall will be mailed on May 18th, one day later than originally announced. Please keep in mind the fact that only a very small number of vehicles (within a large VIN range) are affected by this recall. In other words, before work is started, you must verify that the vehicle is actually affected by this recall; there are three ways to do so:

- 1) The customer has a recall letter in-hand
- 2) The VIN is listed on your Campaign Responsibility Report
- A Dealership Communications System (DCS) VIN Status Inquiry check verifies that the vehicle is affected by this recall (print and attach screen copy to RO).

Regarding the fax transmission problem, we will be updating our system to ensure 100% broadcast coverage in the future.

NOTE: Federal Law requires dealerships to perform recall work on all affected vehicles prior to retail sale. This includes both your new and used car inventories.

Thank you.

Cynthia Gomez
Export Warranty Specialist
American Honda Warranty Department
310 781-6456 (Phone)
310 783-3295 (Fax)

994-069

Acura DCS Message #075 was sent out on 5-13-99:

991-069

DATE: May 12, 1999

TO: All Acura Sales, Service & Parts Managers

FROM: American Honda Service Division

RE: Ball Joint Recall Campaign information.

Tomorrow afternoon, Honda Motor Co. Ltd. Will announce a recall campaign to to the National Highway Traffic Safety Administration (NHTSA). This recall involves "certain" 1996-98 3.5RL's, 2.5TL's, 3.2TL's and 1997-98 2.2/2.3/3.0 CL's. Certain vehicles were manufactured with front suspension lower ball joints that may prematurely wear out. In the worst case, the ball joint would separate, causing the front suspension to collapse. Ball joint separation would most likely occur at low speeds when the steering wheel is turned as far as it can go to the right or left. A press announcement is planned.

On May 13, 1999, we will mail/ship the following campaign support items to your dealership:

- 1) Service Bulletin (99-023)
- 2) A Recall "STRATEGY LETTER"
- 3) A Campaign Responsibility Report
- 4) A Parts Information Bulletin
- A set of Special Ball Joint Removing Tools.

Additionally, American Honda Parts Division will allocate Ball Joint Replacement Kits to your dealership at a rate equal to 30% of the affected vehicles based on Retail Delivery Registrations (RDR).

Customer notification letters for this recall will start mailing on May 17th. Please keep in mind the fact that only a very small number of vehicles (within a large VIN range) are affected by this recall. In other words, before work is started, you must verify that the vehicle is actually affected by this recall; there are three ways to do so:

- 1) The customer has a recall letter in-hand
- 2) The VIN is listed on your Campaign Responsibility Report
- A Dealership Communications System (DCS) VIN Status Inquiry check verifies that the vehicle is affected by this recall (print and attach screen copy to RO).

Thank you.

Cynthia Gomez Export Warranty Specialist American Honda Warranty Department 310 781-6456 (Phone) 310 783-3295 (Fax) Acura DCS Message #084:

Lower Ball Joint Recall Service Tool Usage Service Bulletin #99-023, dated May 13, 1999

To avoid damaging base remover adapters C and F, be sure the tool is squarely seated on the lower arm and not hanging up on the ball joint.

991-069 R

Required Special Tool 07GAF-SD40310. Ball Joint Remover Base, can be used as a substitute for adapter C.

Thank you

Cynthia Gomez

ACURA 99V-069 R

Parts Information Bulletin

RECALL Repair Parts: Lower Arm Ball Joint Kits 1996-98 3.5RL, 1996-98 2.5/3.2TL, 1997-98 2.2/2.3/3.0CL

This bulletin supports Acura Service Bulletin 99-023 dated 5/13/99. Please refer to that bulletin for technical details, installation procedure, and warranty information.

The Front Lower Ball Joints on certain vehicles may wear out prematurely. In the worst case, the ball joints would separate without warning, causing the front suspension to collapse. The parts listed below are available to upgrade those vehicles.

AFFECTED VEHICLES (1)

- 1996-98 3.5RL ⁽¹⁾
- 1996-98 2.5/3.2TL (1)
- 1997-98 2.2/2.3/3.0CL (t)
- (1) Refer to Acura Service Bulletin 99-023 dated 5/13/99 for affected VIN ranges.

ORDERING INFORMATION

APPLICATION	P/N	D/N	S/R
• Lower Arm Ball Joint Kits	Q }		
1996-98 3.5RL	04510-SZ3-000	\$24.82	\$41,37
1996-98 2,5/3.2TL	04510-SL5-000	\$24.82	\$41.37
1997-98 2.2/2.3/3.0CL	04510-S84-000	\$22.50	\$36.00
• Front Knuckle Ring			
3.5RL and 3.2TL	51212-SP0-000	\$4.49	\$7.48

(2) Lower Arm Ball Joint Kits consist of two Lower Arm Ball Joints, two Spindle Nuts, 3x22 Split Pins, and 2x18 Split Pins.

NOTE: Some vehicles will not need all of the parts included in the kits.

Prices, specifications, and availability are subject to change without notice.

AMERICAN HONDA MOTOR CO., INC. Parts Division

Bulletin Number	Issue Dete	Application	PS Section 02
B99-0006	5-17-99	(4) Recall / E	
Routing	□ General Manager ☑ Parts Manager	☑ Sarvice Manager ☑ Farts Counterperson	□ Technicien □ Sales Menager

ACURA

Parts Information Bulletin

RECALL

Special Return: Front Steering Knuckles 1996-98 3.5RL, 1996-98 2.5/3.2TL, 1997-98 2.2/2.3/3.0CL

This bulletin supports Acura Service Bulletin 99-023 Safety Recall: Lower Ball Joints dated 5/13/99. Please refer to that bulletin for installation procedure and warranty information.

The ball joints in affected Front Knuckle Assemblies may wear out prematurely. In the worst case, the ball joints could separate without warning, causing the front suspension to collapse.

AFFECTED PARTS

1

- Return any part number listed below that is currently in your dealership's inventory*
 Do not sell any <u>affected</u> part from the list below under any circumstances. If your current inventory contains any of these parts, you must return them to American Honda <u>immediately</u>.
 Follow the steps in the *Parts Return Procedure* section on the back of this bulletin.
 - NOTE: This return must be completed by June 30, 1999.
 - Parts ordered after the issue date of this bulletin (June 14, 1999) have been inspected and are OK to use.

RETURN THESE PART NUMBERS (if they are in your inventory as of June 14, 1999)

DESCRIPTION	P/N	D/N	S/R
Right Front Knuckle	51210-SP0-020	\$162.98	\$271.63
Right Front Knuckle	51210-SP0-901	\$162,17	\$270.28
Left Front Knuckle	51215-SP0-020	\$162.98	\$271.63
Left Front Knuckle	51215-SP0-901	\$162.17	\$270.28
Right Front Knuckle	51210-SZ3-000	\$130.20	\$217.00
Left Front Knuckle	51215-SZ3-000	\$130.20	\$217.00

Continued on next page

1 of 2

Bullatin Number	leaue Date	Application	1	
B99-00 07	6/14/99	(3) Spec	ial Return / EPS Sect	tion 02
Routing	☐ General Manager ☐ Parts Manager	☐ Service Manager ☐ Sales Manager	☐ Technician	

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RETURN THESE PART NUMBERS (if they are in your inventory as of June 14, 1999) Cont.

DESCRIPTION	P/N	D/N	S/R
Right Front Knuckle	51210-SW5-J60	\$142.64	\$237.73
Left Front Knuckle	51215-SW5-J60	\$142,64	\$237.73
Right Front Knuckle	51210-SZ5-900	\$141.47	\$235.78
Left Front Knuckle	51215-SZ5-900	\$141.47	\$235.78
Right Front Knuckle	51210-SV4-J51	\$43.62	\$72.70
Right Front Knuckle	51210-SX0-901	\$101.66	\$169.43
Left Front Knuckle	51215-SX0-901	\$101. 66	\$169.43
Ball Joint	51220-SL5-003	\$24.00	\$40.00
Ball Joint	51220-SZ3-003	\$27.00	\$45.00

PARTS RETURN PROCEDURE

- A. Submit an O.A.R. request to your assigned Parts Center or submit via the DCS system, Transaction 5: Order Adjustment Request.
 - Use Reason Code "R" and enter "0000000000" (eleven zeros) in the area normally reserved for the Shipper Number.
 - Use item number "9999".
 - 3. Write "Front Knuckle RL, TL, CL" in the Remarks Section.
 - 4. No Shipment Listing or Invoice is required for this return.
- B. When you receive your Authorized Return Documents, ship the parts to the indicated Parts Center, freight prepaid.

Each authorized return will be credited to your Parts Balance Forward Account in the amount of the current Dealer Net price plus the amount of the return freight charges.

Prices, specifications, and availability are subject to change without notice.

AMERICAN HONDA MOTOR CO., INC. Parts Division





May 13, 1999

YEAR 1996 - 96 1996 - 96 1907 - 00

MODE S.SRL 25TL&37L 22CL/23CL/30CL

VIN APPLICATION See VEHICLES **BULLETON NO.** 99-023



Safety Recall: Lower Ball Joints

BACKGROUND

Certain vehicles were manufactured with front suspension lower ball joints that may prematurely wear out. In the worst case, the ball joint would separate without prior warning, causing the front suspension to collapse.

VEHICLES AFFECTED

3.5PL			
	Beginning VIN	Ending VIN	
1996	A	ALL	
1997	A	ALL	
1998	JH4KA9WC000001	JH4KA9WC007053	

2.5∏_		
	Baginning VIN	Ending VIN
1996	JH4UA2TC021065	JH4UA2TC025075
1997	ALL	
1998	JH4UA2WC000001 JH4UA2WC006036	

	3.2TL	
	Beginning VIN	Ending VIN
1996	JH4UA3TC01231B	JH4UA3TC014540
1997	A	Ĭ.
1998	JH4UA3WC000001	JH4UA3WC008112

2.2CL/2.3CL		
	Beginning VIN	Ending VIN
4000	19UYA1VL023878	18UYA1VL029878
1997	19UYA1VL024293	19UYA1VL024652
1998	19UYA3WL000001	19UYA3WL000022



	3.OCL	
Beginning VIN Ending VIN		
	19UYA2VL018067	19UYA2VL018057
1997	19UYA2,_VL018439	19UYA2VL019396
	19UYA2VL019402	19UYA2VL019402
1996	19UYA2WL000001	19LYA2WL000013

CUSTOMER NOTIFICATION

All owners of affected vehicles will be mailed a notification of this recall. An example of the customer notification is at the end of this service bulletin.

CORRECTIVE ACTION

Replace the front suspension lower ball joints.

PARTS INFORMATION

Ball Joint Kit, 3.5RL: P/N 04510-SZ3-000 Bell Joint Kit, 2.5/3.2TL: P/N 04510-SL5-000 Ball Joint KR, 2.2/2.3/3.0CL: P/N 04510-S84-000

Front Knuckle Ring, 3.5RL & 3.2TL:

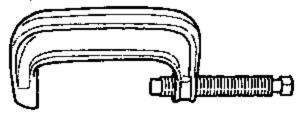
P/N 51212-SP0-000



REQUIRED SPECIAL TOOLS

C-Frame Tool: OTC P/N 724B

CFRAME TOOL OTC PAN 7248



Ball Joint Flernover/Installer Tool Set:

Tool sets are being automatically shipped to the dealers with this service bulletin. The individual tools do not have tool numbers; each tool is stamped with a letter for reference.

REMOVER/INSTALLER ADAPTER (A) All models



BASE INSTALLER ADAPTER (B) 2.5TL/3.8TL, and 3.5RL only



BASE REMOVER ADAPTER (C) 3.2TL and 3.5RL only



BASE REMOVER ADAPTER (D) 2.8TL only



BASE INSTALLER ADAPTER (E) 2.2CL/2.3CL/3.0CL only



BASE REMOVER ADAPTER (F) 2,2CL/2.3CL/3.0CL only



PILOT ADAPTER (Q) All models



REMOVER/INSTALLER PILOT ADAPTER (H) All models



Driver: T/N 07749-0010000

Bearing Driver Attachment, 78 x 90 mm. T/N 07GAD-SD40101

WARRANTY CLAIM INFORMATION

OP#	Description	FRT	Template 80
415131	Replace tower ball joints, 2.2/2.3/3.0CL	1.4	99-023A
415132	Replace lower ball joints, 2.57L	1.4	99-023B
415133	Replace lower ball joints, 3.2TL	1.2	99-023C
415138	Replace lower bell joints, 3.5RL	1.2	99-023D

If you replace one or both knuckle rings on a 3.5Ft. or a 3.2TL, *do not* file a template claim. File a regular claim with the knuckle ring(s) included under Parts Used.

Falled P/N:

3.5RL - P/N 04510-SZ3-000

2.5/3.2TL -- P/N 04510-SL5-000

2.2/2.3/3.0CL - P/N 04510-884-000

Defect code:

297

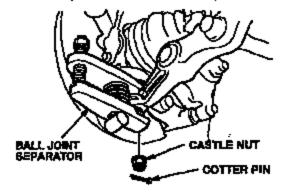
Contention code: K61

Skill Level:

Repair Technician

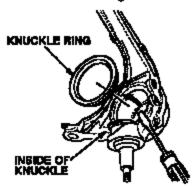
REPAIR PROCEDURE

- Raise the vehicle on a hoist. Remove the front wheels.
- Remove and discard the spindle nut.
- Remove the cotter pin and castle nut from the lower ball joint. Discard the cotter pin.

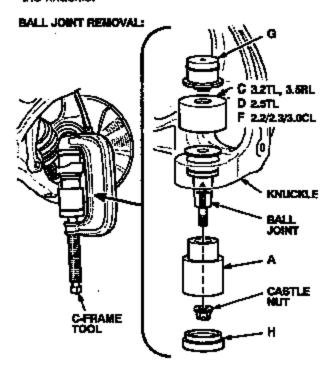


 Separate the lower control arm from the ball joint with the special tool.

- 5. Remove the boot from the lower ball joint.
- 3.5RL and 3.2TL only: Carefully remove and retain the knuckle ring.

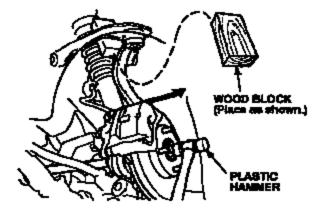


- 2.5TL and CL only: Remove the brake caliper mounting bolts and the brake caliper. Remove the four flange bolts, then remove the brake rotor/hub assembly.
- Install the special tools on the lower ball joint and the knuckle.

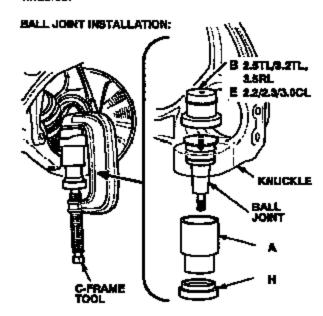


- Tighten the C-frame and press the lower ball joint out of the knuckle.
- 10. Position the new ball joint in the knuckle.

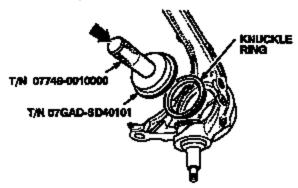
11. Remove the axie from the front wheel hub.



- 12. Lift the knuckle, then place a block of wood (approximately 2-3/4" x 1-1/2" x 5") between the upper control arm and the damper assembly.
- Install the special tools on the ball joint and the knuclde.



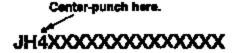
 Tighten the C-frame and press the ball joint into the knuckle. 15. 3.5RL and 3.2TL only: Examine the knuckle ring for damage. If it is not severely kinked, distorted, or broken, reinstall it. If the original knuckle ring is not reusable, Install a new one.



- 16. 2.5TL and CL only: Reinstell the brake rotor/hub assembly. Torque the flange bolts to 44 N·m (33 lb-ft). Reinstell the brake calipers. Torque the mounting bolts to 108 N·m (80 lb-ft).
- Remove the wooden block, then install the axie into the hub.
- Install the lower control arm onto the ball joint.
- Install and torque the ball joint castle nut. Install the new cotter pln.

	Torque
3.5RL	69-78 N·m (51-58 lb-ft)
3.2TL	69-78 N·m (51-59 lb-ft)
2.5TL	49-59 N·m (36-43 lb-ft)
2.2/2.3/3.0CL	39-47 N·m (29-35 lb-ft)

- Apply oil to the threads and flange of the new spindle nut. Install the spindle nut, torque it to 245 N·m (1B1 fb-ft).
- Stake the spindle nut.
- 22. Repeat steps 2 thru 21 on the other side.
- Reinstall the front wheels. Tighten the wheel nuts to 108 N·m (80 lb-ft).
- 24. Lower the vehicle.
- Center-punch a completion mark above the third character of the engine compartment VIN.



May 1999

Safety Recall: Lower Ball Joints

Dear Acura Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

What is the reason for this notice?

Honda Motor Co., Ltd. has determined that a defect relating to motor vehicle safety exists in certain Acura automobiles. Some vehicles were manufactured with front suspension lower ball joints that may prematurely wear out. In the worst case, the ball joint would separate without prior warning, causing the front suspension to collapse. This condition would result in vehicle deceleration and a sudden loss of power. Also, stearing controllability would be reduced, and a vehicle crash could occur.

What should you do?

Call any authorized Acura automobile dealer and make an appointment to have your vehicle repaired. They will replace the front lower ball joints. This repair will be done free of charge. Parts are now available. The repair takes about two hours, but please plan to leave your vehicle at the dealer all day to allow them scheduling flexibility.

Who to contact if you experience problems.

if you are not satisfied with the service you receive from your Acura dealer, you may write to:

American Honda Motor Co., Inc. Acura Client Services Dept. 1919 Torrance BMd. Torrance, CA, 90501-2746

if you believe that American Honda or the dealer has felied or is unable to remedy the delect in your vehicle, without charge, within a reasonable period of time (60 days from the date you first contact the dealer for a repair appointment), you may submit a complaint to:

Administrator National Highway Traffic Safety Administration 400 Seventh St., S.W. Washington, D.C. 20590

Or call the toll-free Auto Sefety Hotline at (800) 424-9393. Residents of Washington D.C. should call (202) 368-0123.

What to do if you feel this notice is in error.

This notice was mailed to you according to the most current information we have available. If you no longer own this vehicle, or some information in this notice is incorrect, please till out and return the included, postage-paid information Change Card. This will help us to update our records.

If you have questions.

if you have questions about this notice, or need assistance with contacting an Acura dealer, please call the Acura Client Services Department at (800) 382-2288.

We apologize for any inconvenience this may cause you. Sincerety.

AMERICAN HONDA MOTOR CO., INC. Acura Automobile Division



99 V-069

January 27, 2000

Dear Service Manager:

Enclosed is the following service publication:

Campaign Responsibility Report for 1996-98 Ball Joint Recall Campaign:

Of the 1996-98 vehicles reported as delivered to your dealership, those eligible for this campaign, but not yet, fixed are listed in the left-hand column. Some of them may have a two-letter code under the heading "UNIT STAT." A complete listing of the codes and what they mean is on page 7-5 of your Service Operations Manual.

If you have any questions, please contact your District Service Manager.

Sincerely,

AMERICAN HONDA MOTOR CO., INC. Honda Automobile Division

Dennis Yamazaki

Sr. Publications Coordinator Service Communications